

## CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

- 1 1. A transmission cable having an end, the transmission cable comprising:
  - 2 a transmission medium;
  - 3 an outer jacket disposed about the transmission medium; and
  - 4 an end cap swaged on said end of the transmission cable.
- 1 2. The transmission cable of claim 1, wherein the end cap comprises a metal.
- 1 3. The transmission cable of claim 1, wherein the end cap comprises aluminum.
- 1 4. The transmission cable of claim 1, wherein the end cap comprises a shape that
  - 2 aids in installation of the transmission cable.
- 1 5. The transmission cable of claim 1, wherein the end cap comprises a conical shape.
- 1 6. The transmission cable of claim 1, wherein the end cap comprises a ring
  - 2 configured to aid in pull-through installation of the cable.
- 1 7. The transmission cable of claim 1, wherein the end cap comprises an eye
  - 5 configured to aid in pull-through installation of the cable.
- 1 8. The transmission cable of claim 1, wherein the end cap captures the transmission
  - 2 medium in a manner that renders it substantially immovable.
- 1 9. The transmission cable of claim 1, wherein the end cap completely seals internal
  - 2 components of the cable from external environment.

1 10. The transmission cable of claim 1, wherein the transmission cable further  
2 comprises:

3 a water-blocking material disposed about the transmission medium;  
4 a core tube disposed between the transmission medium and the outer jacket; and  
5 strength members disposed about the core tube, wherein the transmission  
6 medium, outer jacket, water-blocking material, core tube and strength members comprise  
7 the components of said cable.

1 11. The transmission cable of claim 10, wherein the end cap captures all components  
2 of the transmission cable in a manner that renders them substantially immovable.

1 12. The transmission cable of claim 1, wherein the transmission medium is an optical  
2 fiber.

1 13. A method of producing a transmission cable having an end, and the method  
2 comprising the steps of:  
3 providing a transmission cable including a transmission medium and an  
4 outer jacket disposed about the transmission medium; and  
5 swaging an end cap on said end of the transmission cable.

1 14. The method of claim 13, wherein the step of providing a transmission cable  
2 comprises:  
3 providing a transmission cable including an optical fiber.

1 15. The method of claim 13, wherein the step of swaging an end cap comprises:  
2 swaging a metal end cap on the transmission cable.

1 16. The method of claim 13, wherein the step of swaging an end cap comprises:  
2 swaging an aluminum end cap on the transmission cable.

1 17. The method of claim 13, wherein the step of swaging an end cap comprises:  
2 swaging an end cap on the transmission cable, wherein the end cap is shaped to  
3 aid in installation of the transmission cable.

1 18. The method of claim 13, wherein the step of swaging an end cap comprises:  
2 swaging an end cap on the transmission cable, wherein the end cap comprises a  
3 conical shape.

1 19. The method of claim 13, wherein the step of swaging an end cap comprises:  
2 swaging an end cap on the transmission cable, wherein the end cap comprises a  
3 ring

1 20. The method of claim 13, wherein the step of swaging an end cap comprises:

2 capturing the transmission medium in a manner that renders it substantially  
3 immovable

- 1    21.    A method of installing a transmission cable, comprising:
- 2            providing a transmission cable, wherein the cable includes
- 3                an aerodynamically-shaped end cap swaged on an end of the cable; and
- 4            installing the cable by jetting installation.

- 1    22.    A method of installing a transmission cable, comprising:
- 2            providing a means for pulling the cable;
- 3            providing a transmission cable, wherein the cable includes
- 4                an end cap swaged on an end of the cable, and
- 5                an eye on the end cap;
- 6            attaching the means for pulling the cable to the eye of the end cap; and
- 7            pulling the cable through a space in which it is being installed.